

## **Yellow Rust Advisory On ( 14-3-13 , 27-2-13 , 31-1-13 & 14-1-13 )**



### **Yellow Rust (Stripe Rust) Symptoms**

**Date: March 14, 2013**

#### **Advisory for Yellow Rust (Stripe Rust) Management in Haryana**

Stripe rust has appeared in Yamunanagar, Ambala, Kurukshetra, Karnal, Panipat, Panchkula, Kaithal and Sirsa districts of Haryana. The disease incidence is more in unrecommended susceptible varieties grown by the farmers. Stripe rust is severe in varieties, Super 172, WH 711, HD 2851, HD 2894, Raj 3765 planted in large scale in villages in Sadhaura block of Yamunanagar. The disease is upto 80S in Super 172.

If farmers observe stripe rust in their fields on upper leaves (upto 2<sup>nd</sup> leaf from top), farmers are advised to spray the crop immediately with following fungicides.

- Wherever yellow rust is observed in the field, one spray of Propiconazole 25EC (Tilt 25 EC) @ 0.1 per cent or Tebuconazole 250 EC (Folicur 250 EC) @ 0.1 per cent or Triademefon (Bayleton 25 WP) @ 0.1per cent be given to control the disease.
- One ml of chemical should be mixed in one litre water and thus 200 ml of fungicide mixed with 200 L of water should be sprayed in one acre wheat crop.
- Farmers should spray the crop when weather is clear i. e. no rain, no fog / dew etc.
- Farmers should avoid spray in late evening.

(Source: Project Director, Directorate of Wheat Research, Karnal, Haryana-132001)

**Date: February 27, 2013**

#### **Advisory for Yellow Rust (Stripe Rust) Management for Yamunanagar district of Haryana**

Report of stripe rust occurrence in 1171 acres in Yamunanagar district was received from Dr Pardeep Meel, DDA yesterday. The DWR team (Dr. Indu Sharma & Dr. M. S. Saharan) alongwith Sh. Jaswinder Saini, SDO, Yamunanagar, Sh. Tarun Kumar, ADO, Sarawa and Sh. Somnath Kamboj, Block Technical Manager, ATMA monitored the rust situation in the affected villages of Sadhaura and Jagadhri blocks.

Stripe rust has appeared in severe form in varieties, Super 172, WH 711, HD 2851, Raj 3765 planted in large scale in village Sarawa. Severity of the disease is upto 60S. In other villages of Sadhaura block, stripe rust has been observed (20-40S). In village Jaroda (Jagadhri block), one foci of 30S (4 sq. meter) of stripe rust has been observed in variety, HD 2967.

Keeping in view that the inoculum may not spread further, farmers are advised to spray the crop immediately with following fungicides:

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- Farmers should spray the crop when weather is clear i. e. no rain, no fog / dew etc.
- Farmers should avoid spray in late evening.

**Special efforts be made to create awareness among farmers regarding yellow rust symptoms and management through extensive distribution of Disease Management Card**

(Source: Project Director, Directorate of Wheat Research, Karnal, Haryana-132001)

**Date: January 31, 2013**

**Advisory for Yellow Rust (Stripe Rust) Management in NWPZ and NHZ**

Wheat rusts are the most important wheat diseases. Among rusts, stripe rust or yellow rust appear in Northern Hill Zone and North Western Plain Zone. Disease appear in the form of yellow stripes on leaves.

- **Punjab:** Stripe rust (yellow rust) first incidence has been observed in one wheat variety at one farmers' field in one plant in village Mehindpur (near Chidouri, **Saheed Bhagat Singh Nagar**) in Punjab on January 9, 2013. In mid January, yellow rust (20S) was observed in one field in village Surewal in **Ropar** district.
- **Haryana:** Two foci of yellow rust have been observed during January 30-31, 2013 in two wheat varieties in one farmer's field in village Madhubas (**Radaur, Yamunanagar**).
- Due to continuous cool weather, dew, fog and possibility of rain in the coming days, farmers are advised to visit their crop regularly for observing yellow rust incidence. Farmers should give special emphasis in the crop sown in between trees or in shade.
- Farmers are advised to inform or consult the wheat scientists/experts/extension workers for confirmation of yellow rust disease symptoms as sometimes yellowing of leaves may be due to other factors other than the disease.



### **Yellow Rust (Stripe Rust) Symptoms**

If farmers observe yellow rust in their wheat fields, following measures are recommended:

- As soon as yellow rust is observed in the field, one spray of Propiconazole 25EC (Tilt 25 EC) @ 0.1 per cent or Tebuconazole 250 EC (Folicur 250 EC) @ 0.1 per cent or Triademefon (Bayleton 25 WP) @ 0.1per cent be given to control the disease.
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- Farmers should spray the crop when weather is clear i. e. no rain, no fog / dew etc.
- Farmers should avoid spray in late evening.
- In the rust infected fields where farmers had sprayed last year Propiconazole, this year other recommended fungicide should be preferred.

**Special efforts be made to create awareness among farmers regarding yellow rust symptoms and management through extensive distribution of Disease Management Card**

(Source: Project Director, Directorate of Wheat Research, Karnal, Haryana-132001)

**Date: January 14, 2013**

#### **Advisory for Yellow Rust (Stripe Rust) Management in NWPZ and NHZ**

- Wheat rusts are the most important wheat diseases. Among rusts, stripe rust or yellow rust appear in Northern Hill Zone and North Western Plain Zone. Disease appear in the form of yellow stripes on leaves.
- Stripe rust first incidence has been observed in one farmers' field in one plant in village Mehindpur (near Chidouri, Saheed Bhagat Singh Nagar) in Punjab on January 9, 2013.
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